



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard W. Gross, et al.

Serial No.: 09/618,623

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For: Calcium Independent
Phospholipase A₂ Polynucleotides
and Polypeptides And Methods
Therefor

Art Unit: 1652

Examiner: Y.D. Pak

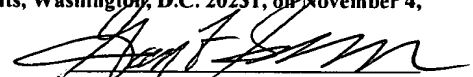
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CERTIFICATE OF MAILING

I certify that this correspondence is being deposited with the United States Postal Service as Express Mail, "Post Office to Addressee" Label No. EL817718035US in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on November 4, 2002.


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SUBMISSION OF MARKED UP SPECIFICATION AND CLAIMS

Hon. Commissioner for Patents
Washington, D.C. 20231

Submitted herewith are marked up specification and claims in accordance with 37 C.F.R. Section 1.121(c)(1)(ii), wherein deletions are noted in brackets [] in the claims and additions to the claims are underlined.

IN THE SPECIFICATION

Replace the 2nd full paragraph on page 4 with the following paragraph.

Thus, in one embodiment, the invention is directed to an isolated nucleic acid molecule comprising a set of iPLA₂_γ polynucleotides. In one aspect of this embodiment, the iPLA₂_γ polynucleotides encode an iPLA₂_γ polypeptide. The iPLA₂_γ polypeptide catalyzes cleavage of fatty acids from the *sn*-2-position of phospholipids. One preferred sequence of the iPLA₂_γ polypeptide is set forth in SEQ ID NO: 1, which represents the amino acid sequences corresponding to alternative splice variants of iPLA₂_γ. Splice variants, identified herein as gamma 1 and gamma 2, involve splice sites 5' to the start codon so that both splice variants encode the same